DT07 Reo'd PCT/PT0 2 0 JAN 20 PTO-1390 (Rev. 12-2004) A for use through 3/31/2007. OMB 0651-0021

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER US21.1045

CONCERNING A SUBMISSIO	U.S. APPLICATION NO. 5215937	F-18(1.5)			
INTERNATIONAL APPLICATION NO. PCT/EP2003/050262	INTERNATIONAL FILING DATE 25 JUN 2003 (25,06,03)	PRIORITY DATE CLAIMED 23 JUL 2002 (23.07.02)		1	
TITLE OF INVENTION COMPACT DEV		PEED AND THE DIRECTION OF	,		
ROTATION OF AN OBJECT APPLICANT(S) FOR DO/EO/US				ł	
FAUR, Marian; SELLIN, Jacq					
Applicant herewith submits to the United Sta	ates Designated/Elected Office (DO/EO	/US) the following items and other inform	ation:		13
	oncerning a submission under 35 U.S.C. 371				K
2. This is a SECOND or SUBSEQUENT s	submission of items concerning a submission	n under 35 U.S.C. 371.			R
3. X This is an express request to begin nati (5), (6), (9) and (21) indicated below.	ional examination procedures (35 U.S.C. 37	(f)). The submission must include items		<u>.</u>	-
4. X The US has been elected (Article 31).			ای	E IS BEING FAL ADDRESSEE NDICATED	A S
5. X A copy of the International Application	n as filed (35 U.S.C. 371(c)(2))		3	R FEE IS BEING POSTAL E TO ADDRESSI ATE INDICATED	
a. is attached hereto (required	a. I is attached hereto (required only if not communicated by the International Bureau).				O THE COMMISSIC
b. X has been communicated by	y the International Bureau.		34	EKO (TES FFICE	
c. is not required, as the applic	cation was filed in the United States Receivi	ng Office (RO/US).	三公子	ST O	t ear
An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).					₩ \$
a. is attached hereto.				S MA	Z S SES
b. has been previously submit	tted under 35 U.S.C. 154(d)(4).		F F	TH T TH T PRES	S o A
7. Amendments to the claims of the Inte	ernational Application under PCT Article 19 (35 U.S.C. 371(c)(3))	SE CONTRACT	CEX CD WI	5 2 2 3
a. are attached hereto (requi	ired only if not communicated by the Internat	ional Bureau).	EXPRESS NUMBER DATE OF I	DEPOSITED WITH SERVICES "EXPRE SERVICE LINDER 3	ABOVE AND FOR PATENT
b. have been communicated	by the International Bureau.		"EXPRESS NUMBER DATE OF I	SER SER	ABOVE FOR PA
c. have not been made; how	ever, the time limit for making such amendm	ents has NOT expired.			
d. have not been made and v	will not be made.				
8. An English language translation of th	ne amendments to the claims under PCT Art	icle 19 (35 U.S.C. 371(c)(3)).			
9. $\overline{\mathbb{X}}$ An oath or declaration of the inventor	r(s) (35 U.S.C. 371(c)(4)).				
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	xamination Report under PCT			
items 11 to 20 below concern document(s	s) or information included:				
11. X An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.				
12. X An assignment document for recording	ng. A separate cover sheet in compliance wit	th 37 CFR 3.28 and 3.31 is included.			
13. X A preliminary amendment.					
14. An Application Data Sheet under 37 0	CFR 1.76.		•		
15. X A substitute specification.					
16. A power of attorney and/or change of	f address letter.				
17. A computer-readable form of the sequence.	uence listing in accordance with PCT Rule 1	3ter.2 and 37 CFR 1.821- 1.825.			
18. A second copy of the published Integr	national Application under 35 U.S.C. 154(d)(4).			
	ge translation of the international application				_
20. X Other items or information: PCT/II	B/308; PCT/IPEA/416; PCT	T/IPEA/409; PCT/IPEA/408;	Op. R	eply :	Lette

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER PCT/EP2003/050262 US21.1045 21. The following fees are submitted: Applicant use Office use only y a) Basic national fee......\$300.00 300.00 200.00 X b) Examination fee......\$200.00 \$ 500.00 \$1000.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number) - 100 = /50 **=** x \$250.00 0 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest 0 claimed priority date (37 CFR 1.492(e)). **CLAIMS** NUMBER FILED NUMBER EXTRA RATE Total claims - 20 = \$ 19 x \$50.00 **3:00** × \$200.00 Independent claims - 3 = 0 MULTIPLE DEPENDENT CLAIM(S) (if applicable) \$360.00 \$ 0 TOTAL OF ABOVE CALCULATIONS = 00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced \$ 1000.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$1000.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied See sheet by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$ 1000.00 Amount to be refunded: Amount to be charged 1000.00 A check in the amount of \$ _ to cover the above fees is enclosed. Please charge my Deposit Account No. 502183 in the amount of \$1000.00 to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. $\underline{502183}$. A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37,CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Kevin P. McEnaney Schlumberger Technology Corporation 200 Gillingham Lane, MD 200-9 McEnaney le∀in Sugar Land, TX 77478 NAME 46258

REGISTRATION NUMBER